INFORMATION DISCLOSURE STATEMENT

Applicant

Samuel M. Shaolian et al.

App. No.

Unknown

Filed

Herewith

For

IMPLANTABLE VASCULAR GRAFT

Examiner

Unknown

Group Art Unit

Unknown

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 248 references that are of record in U.S. patent application No. 09/891,620, filed June 26, 2001, which is the parent of this Continuation application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated:

1-26-04

By:

Rabinder N. Narula Registration No. 53,371

Attorney of Record

Customer No. 20,995

(949) 760-0404

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. ENDOLOG.21CP7C1 APPLICATION NO. Unknown

INFORMATION DISCLOSURE STATEMENT
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APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

Samuel M. Shaolian et al.

FILING DATE Herewith GROUP Unknown

			U.S. PAT	ENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	519,928	05/15/94	E.L. Schanck			
	2. ;	1,065,935	07/01/13	J.F. Gail			
	3.	2,127,903	08/23/38	Bowen			
N	4.	2,437,542	5/4/44	Krippendorf			• • • • • • • • • • • • • • • • • • • •
	5.	2,845,959	08/05/58	Sidebotham			
	6.	2,990,605	07/04/61	Demsyk			
	7.	3,029,819	04/17/62	Starks			
	8.	3,096,560	07/09/63	Liebig			
	9.	3,805,301	04/23/74	Liebig			
<u> </u>	10.	4,497,074	02/05/85	Rey, et al.			
	11.	4,501,263	02/26/85	Harbuck			
	12.	4,503,568	03/12/85	Madras			
· · · · · ·	13.	4,592,754	06/03/86	Gupte, et al.			
	14.	4,617,932	10/21/86	Kornberg			
	15.	4,816,028	03/28/89	Kapadia, et al.			
····	16.	4,840,940	06/20/89	Sottiurai			
	17.	4,856,516	08/15/89	Hillstead			
	18.	4,878,906	11/07/89	Lindemann, et al.			
	19.	4,907,336	03/13/90	Gianturco			
	20.	4,922,905	05/08/90	Strecker			
•	21.	4,981,478	1/1/91	Evard et al.			
	22.	4,994,071	02/19/91	MacGregor			
	23.	5,019,090	05/28/91	Pinchuk			
	24.	5,064,435	11/12/91	Porter			
	25.	5,078,726	01/07/92	Kreamer			
	26.	5,104,399	04/14/92	Lazarus			

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. ENDOLOG.21CP7C1 APPLICATION NO. Unknown

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Samuel M. Shaolian et al.

FILING DATE Herewith

GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	27.	5,108,424	04/28/92	Hoffman, Jr., et al.	·		
	28.	5,123,917	06/23/92	Lee			
,	29.	5,133,732	07/28/92	Wiktor			
	30.	5,135,536	08/04/92	Hillstead			
	31.	5,156,619	10/20/92	Ehrenfeld			
	32.	5,178,634	01/12/93	Martinez			
	33.	5,197,976	03/30/93	Herweck, et al.			
	34.	5,201,757	4/13/93	Heyn et al.	,		
	35.	5,256,141	10/26/93	Gencheff, et al.			
	36.	5,275,622	01/04/94	Lazarus, et al.			
	37.	5,282,824	02/01/94	Gianturco			•
	38.	5,304,200	04/29/94	Spaulding			
	39.	5,314,444	05/24/94	Gianturco			
	40.	5,314,472	05/24/94	Fontaine			
	41.	5,316,023	05/31/94	Palmaz, et al.			
,	42.	5,320,602	06/14/94	Karpiel			
	43.	5,330,500	07/19/94	Song			
	44.	5,342,387	08/30/94	Summers			
	45.	5,354,308	10/11/94	Simon et al.			
	46.	5,360,443	11/01/94	Barone, et al.			
. \	47.	5,366,504	11/22/94	Andersen, et al.			
,	48.	5,370,683	12/06/94	Fontaine			
	49.	5,387,235	02/07/95	Chuter	1		
	50.	5,397,355	03/14/95	Marin et al.			
	51.	5,405,377	04/11/95	Cragg			
	52.	5,423,886	06/13/95	Arru, et al.			,

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOČKET NO. ENDOLOG.21CP7C1 APPLICATION NO. Unknown

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FILING DATE Herewith GROUP Unknown

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	53.	5,425,765	06/20/95	Tiefenbrun, et al.			
	54.	5,443,498	08/22/95	Fontaine			
-	55.	5,443,500	08/22/95	Sigwart			
	56.	5,456,713	10/10/95	Chuter			
	57.	5,458,615	10/17/95	Klemm et al.			
	58.	5,462,530	10/31/95	Jang			
	59.	5,464,560	11/07/97	Buscemi et al.			
	60.	5,484,444	1/16/96	Braunschweiler et al			
	61 ₁	5,489,295	02/06/96	Piplani, et al.			
	62.	5,496,365	03/05/96	Sgro			
	63.	5,507,767	04/16/96	Maeda, et al.			
	64.	5,507,771	04/16/96	Gianturco			
	65.	5,522,880	06/04/96	Barone, et al.	:		
	66.	5,522,881	06/04/96	Lentz			
	67.	5,522,883	06/04/96	Slater, et al.			
,	68.	5,545,211	08/13/96	An et al.			
	69.	5,554,118	09/10/96	Jang			
•	70.	5,554,181	09/10/96	Das			
	71.	5,562,726	10/08/96	Chuter			
	72.	5,562,728	10/08/96	Lazarus et al.			*
	73.	5,571,173	11/05/96	Parodi			
	74.	5,575,816	11/19/96	Rudnick et al.		·	
	75.	5,575,818	11/19/96	Pinchuk			
	76.	5,578,072	11/26/96	Barone, et al.		·	
	77.	5,591,197	01/07/97	Orth et al.			
	78.	5,591,198	01/07/97	Boyle et al.			

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. ENDOLOG.21CP7C1 APPLICATION NO. Unknown

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Samuel M. Shaolian et al.

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GROUP Unknown

			U.S. PA1	ENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	79.	5,591,229	01/07/97	Parodi			
	80.	5,591,230	01/07/97	Horn et al.			
	81.	5,593,417	01/14/97	Rhodes			
	82.	5,604,435	11/12/91	Porter	-		
	83.	5,607,445	03/04/97	Summers			
	84.	5,609,625	03/11/97	Piplani, et al.			
	85.	5,609,627	03/11/97	Goicoechea, et al.			
	86.	5,609,628	03/11/97	Keranen			
	87.	5,628,783	05/13/97	Quiachonet al.			
	88.	5,628,788	05/13/97	Pinchuk	•		
	89.	5,630,829	05/20/97	Lauterjung			
	90.	5,632,772	05/27/97	Alcime, et al.			
	91.	5,639,278	06/17/97	Dereume et al.			
· · · · · · · · · · · · · · · · · · ·	92.	5,641,373	06/24/97	Shannon et al.			
	93.	5,643,339	07/01/97	Kavteladze, et al.	:		
	94.	5,647,857	07/15/97	Anderson, et al.			
	95.	5,653,727	08/05/97	Wiktor			
	96.	5,653,743	08/05/97	Martin			
· ·	97.	5,653,746	08/05/97	Schmitt			
·	98.	5,653,747	08/05/97	Dereume			
	99.	5,662,614	09/02/97	Edoga			
	100.	5,662,700	09/02/97	Lazarus			
	101.	5,662,702	09/02/97	Keranen			
	102.	5,662,703	09/02/97	Yurek et al.			
	103.	5,662,728	10/08/96	Lazarus, et al.			
	104.	5,665,115	09/09/97	Cragg			

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APPLICANT Samuel M. Shaolian et al.

FILING DATE Herewith

GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	105.	5,665,117	09/09/97	Rhodes			
	106.	5,669,880	09/23/97	Solar			
	107.	5,669,924	09/23/97	Shaknovich			
	108.	5,674,241	10/07/97	Bley et al.			
	109.	5,674,276	10/07/97	Andersen et al.			
	110.	5,676,696	10/14/97	Marcade			
	111.	5,676,697	10/14/97	McDonald			
	112.	5,679,400	10/21/97	Tuch			
	113.	5,681,346	10/28/97	Orth et al.			
	114.	5,683,448	11/04/97	Cragg			
	115.	5,683,449	11/04/97	Marcade			
	116.	5,683,450	11/04/97	Goicoechea et al.		·	
	117.	5,683,451	11/04/97	Lenker et al.	-		
	118.	5,683,452	11/04/97	Barone et al.			
•	119.	5,683,453	11/04/97	Palmaz			
	120.	5,690,644	11/25/97	Yurek et al.			•
	121.	5,693,066	12/02/97	Rupp et al.			
	122.	5,693,084	12/02/97	Chuter			
	123.	5,693,086	12/02/97	Goicoechea et al.			
	124.	5,693,087	12/02/97	Parodi			
	125.	5,693,088	12/02/97	Lazarus			
	126.	5,695,516	12/09/97	Fischell et al.			-
	127.	5,695,517	12/09/97	Marin et al.		·	
	128.	5,697,948	12/16/97	Marin et al.			
	129.	5,716,365	02/10/98	Giocoechea et al.			
,	130.	5,716,393	02/10/98	Lindenberg et al.			

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ATTY, DOCKET NO. ENDOLOG.21CP7C1 APPLICATION NO. Unknown

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Samuel M. Shaolian et al.

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GROUP Unknown

		,	U.S. PAT	ENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	131.	5,718,724	02/17/98	Giocoechea et al.			
•	132.	5,718,973	02/17/98	Lewis et al.			
	133.	5,720,776	02/24/98	Chuter et al.			
	134.	5,723,004	03/03/98	Dereume et al.	-		
	135.	5,733,325	03/31/98	Robinson et al.			
	136.	5,746,766	05/05/98	Edoga			
	137.	5,749,880	05/12/98	Banas et al.			
	138.	5,755,770	05/26/98	Ravenscroft			
-	139.	5,755,771	05/26/98	Penn, et al.			
	140.	5,769,885	06/23/98	Quiachon et al.			
	141.	5,769,887	06/23/98	Brown et al.			
	142.	5,782,909	07/21/98	Quiachon et al.			
e	143.	5,800,456	09/1998	Maeda et al.			
	144.	5,800,508	09/01/98	Goicochea et al.			, <u> </u>
-	145.	5,810,836	09/22/98	Hussein et al.			·
	146.	5,824,037	10/20/98	Fogarty et al.			
	147.	5,824,039	10/1998	Piplani et al.			
:	148.	5,824,053	10/20/98	Khosravi et al.			
	149.	5,843,160	12/01/98	Rhodes			
	150.	5,843,164	12/01/98	Frantzen et al.			
	151.	5,843,167	12/01/98	Dwyer et al.			
	152.	5,851,228	12/22/98	Pinheiro			
	153.	5,855,599	01/05/99	Wan			
	154.	5,860,998	01/19/99	Robinson et al.			
	155.	5,868,783	02/09/99	tower			
	156.	5,879,321	03/1999	Hill		,	
	157.	5,879,366	03/1999	Shau et al.			

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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			U.S. PAT	ENT DOCUMENTS			
EXAMINER INITIAL	,	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	158.	5,891,193	04/06/99	Robinson et al.			
	159.	5,893,887	04/13/99	Jayaraman			
	160.	5,902,334	05/11/99	Dwyer et al.			
	161.	5,906,640	05/25/99	Penn et al.			
	162.	5,916,263	06/29/99	Goicoceha et al.			
	163.	5,919,225	.07/06/99	Lau et al.			
	164.	5,925,075	07/20/99	Myers et al.			
	165.	5,928,279	07/27/99	Shannon et al.			
	166.	5,935,161	08/10/99	Robinson et al.	•		
	167.	5,938,696	08/17/99	Goicoechea et al.	*****		
	168.	5,948,018	09/97/99	Dereume et al.			
	169.	5,957,973	09/28/99	Quiachon et al.			
	170.	5,961,546	10/05/99	Robinson et al.			- *** *********************************
	171.	5,961,548	10/1999	Shmulewitz			
	172.	6,004,347	12/21/99	McNamara et al.			
	173.	6,004,348	12/21/99	Banas et al.			
	174.	6,017,363	01/2000	Hojeibane			
	175.	6,027,779	02/22/00	Campbell et al.			
	176.	6,027,811	02/22/00	Campbell et al.			
	177.	6,030,415	02/29/00	Chuter			
	178.	6,039,749	03/21/00	Marin et al.			
	179.	6,039,755	03/21/00	Edwin et al.		·	
	180.	6,051,020	04/18/00	Goicoechea et al.			
	181.	6,070,589	06/06/00	Keith et al.			
	182.	6,074,398	06/13/00	Leschinsky			
	183.	6,077,296	06/2000	Shokooji et al.			
	184.	6,077,297	06/20/00	Robinson et al.	l		•

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GROUP Unknown

			U.S. PA1	ENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	185.	6,106,548	08/2000	Reubin et al.			······································
	186.	6,117,167	09/12/00	Goicoechea et al.			
	187.	6,123,722	09/26/00	Fogarty et al.			
	188.	6,123,723	09/26/00	Konya et al.			
	189.	6,126,685	10/03/00	Lenker et al.			
	190.	6,129,756	10/10/00	Kugler et al.			
-	191.	6,168,610	01/02/01	Marin et al.	·····	·	
	192.	6,183,481	02/06/01	Lee et al.			
	193.	6,187,036	02/13/01	Shaolian et al.			
	194.	6,192,944	02/27/01	Greenhalgh			
	195.	6,203,735	03/20/01	Edwin et al.			
	196.	6,273,909	08/14/01	Kugler et al.			
	197.	6,280,466	08/28/01	Kugler et al.			
	198.	6,280,467	08/28/01	Leonhardt			
	199.	6,283,991	09/04/01	Cox et al.			
	200.	6,533,811	03/18/03	Ryan et al.			
	201.	2003/0065380 A1	04/03/03	Kugler et al.			
	202.	2003/0065385 A1	04/03/03	Weadock			

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EXAMINER IN!TIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							YES	NO	
	203.	0 177 330 B1	06/19/91	Europe					
	204.	0 596 145 A1	05/11/94	Europe					
	205.	0 621 015 A1	10/26/94	Europe					
	206.	0 659 389 A1	06/28/95	Europe					
	207.	0 740 928 A2	11/06/96	Europe					

EXÂMINER	DATE CONSIDERED	_

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. ENDOLOG.21CP7C1

APPLICATION NO. Unknown

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Samuel M. Shaolian et al.

FILING DATE Herewith GROUP Unknown

				FOREIGN PATENT DOCUMENTS				
EXAMINER . INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
	200	0.747.020.4.2	12/11/06	Γ	ļ	<u> </u>	YES	NO
	208.	0 747 020 A2	12/11/96	Europe				
	209.	0 775 470 A1	05/28/97	Europe		ļ		
	210.	0 904 745 A2	03/31/99	Europe				
	211.	WO 93/13825	07/22/93	PCT				
	212.	WO 94/24961	02/01/94	PCT				
	213.	Wo 95/21592	02/06/95	PCT			,	
	214.	WO 96/41589	12/27/96	PCT				
	215.	WO 97/10757	93/27/97	PCT				
	216.	WO 97/10777	03/27/97	PCT				
	217.	WO 97/14375	04/24/97	PCT				
•	218.	WO 97/19652	06/05/97	PCT				
	219.	WO 97/26936	01/28/97	PCT				
	220.	WO 98/02100	01/22/98	PCT				
, ,	221.	WO 99/44536	09/10/99	РСТ				
	222.	WO 99/47077	09/23/99	PCT				
	223.	WO 99/58084	11/18/99	PCT				
	224.	EP 282 175 B1	11/27/91	Europe				
****	225.	EP 323 176 B1	03/23/94	Europe		,		
·	226.	EP 458 568 A1	05/20/91	Europe				
	227.	EP 596 145 A1	10/31/92	Europe				
	228.	EP 621 015 A1	04/23/93	Europe				
	229.	EP 659 389 A1	06/28/95	Europe				
	230.	EP 689 806 A2	01/03/96	Europe				
	231.	EP 712 614 A1	05/22/96	Europe				
	232.	EP 732 088 A3	09/18/96	Europe				
	233.	EP 732 088 B1	04/12/00	Europe			*	
	234.	EP 732 089 A3	02/12/97	Europe				

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. ENDOLOG.21CP7C1 APPLICATION NO. Unknown

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				FOREIGN PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANS	LATION
							<u>'</u>	YES	NO
	235.	EP 740 928 A2	11/06/96	Europe					
	236.	EP 747 020 A2	11/06/96	Europe					
	237.	EP 775 470 A1	05/28/97	Europe					
	238.	EP 782 841 A2	02/06/95	Europe	,				
,	239.	EP 880 938 A1	12/02/98	Europe					
	240.	EP 974 314 A2	01/26/00	Europe				*****	
	241.	EP 783 873 A2	02/06/95	Europe					,
	242.	EP 783 874 A2	02/06/95	Europe					
	243.	EP 880 948 A1	05/01/98	Europe		ļ			
	244.	SP 1 038 606	07/16/98	Spain					
	245.	JP 9-511160	11/09/97	Japan	Š				
·····	246.	DE 295 21 776 U1	02/06/95	Germany					
	247.	DE 295 21 548 U1	02/06/95	Germany					

EXAMINER INITIAL		OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	248.	PCT Written Opinion dated 9/13/01.

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